

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20020051106"	US-PGPUB; USPAT	OR	ON	2011/08/11 11:42
L2	203	525/25.ccls.	US-PGPUB; USPAT	OR	ON	2011/08/11 12:31
L3	1231	525/100.ccls.	US-PGPUB; USPAT	OR	ON	2011/08/11 12:32
L4	205	556/400.ccls.	US-PGPUB; USPAT	OR	ON	2011/08/11 12:32
L5	324	524/488.ccls.	US-PGPUB; USPAT	OR	ON	2011/08/11 12:32
L6	2192	524/495.ccls.	US-PGPUB; USPAT	OR	ON	2011/08/11 12:33
L7	0	524/496ccls.	US-PGPUB; USPAT	OR	ON	2011/08/11 12:34
L8	456	524/497.ccls.	US-PGPUB; USPAT	OR	ON	2011/08/11 12:34
L9	1491	524/496.ccls.	US-PGPUB; USPAT	OR	ON	2011/08/11 12:34
L10	2774	(titanium near4 nitride near4 oxide) and (carbon near10 black)	US-PGPUB; USPAT	OR	ON	2011/08/11 12:34
L11	7	9 and 10	US-PGPUB; USPAT	OR	ON	2011/08/11 12:34
L12	172	(titanium near4 nitride near4 oxide) and (carbon near10 black) and (black near20 film) and (liquid near2 crystal)	US-PGPUB; USPAT	OR	ON	2011/08/11 12:35
L13	3371	524/588.ccls.	US-PGPUB; USPAT	OR	ON	2011/08/11 12:35
L14	0	12 and 13	US-PGPUB; USPAT	OR	ON	2011/08/11 12:35
L15	93	(titanium near4 nitride near4 oxide) and (carbon near10 black)	EPO; JPO; DERWENT	OR	ON	2011/08/11 12:35
L16	3	(titanium near4 nitride near4 oxide) and (carbon near10 black) and (black near10 film)	EPO; JPO; DERWENT	OR	ON	2011/08/11 12:35
S1	696	black adj composition	US-PGPUB; USPAT	OR	ON	2008/05/29 09:32
S2	636	organosilane near10 hydrolysis	US-PGPUB; USPAT	OR	ON	2008/05/29 09:33
S3	1	S1 and S2	US-PGPUB; USPAT	OR	ON	2008/05/29 09:33
S4	267	black near100 (organosilane)	US-PGPUB; USPAT	OR	ON	2008/05/29 09:33

S5	396086	amide or imide or urethane	US-PGPUB; USPAT	OR	ON	2008/05/29 09:33
S6	73	S4 and S5	US-PGPUB; USPAT	OR	ON	2008/05/29 09:33
S7	2663	(carbon-carbon adj double adj bond) and siloxane	US-PGPUB; USPAT	OR	ON	2008/05/29 09:46
S8	3	S4 and S7	US-PGPUB; USPAT	OR	ON	2008/05/29 09:46
S9	636	organosilane near10 hydrolysis	US-PGPUB; USPAT	OR	ON	2008/05/29 12:44
S10	267	black near100 (organosilane)	US-PGPUB; USPAT	OR	ON	2008/05/29 12:50
S11	267	black near100 (organosilane)	US-PGPUB; USPAT	OR	ON	2008/05/29 13:03
S12	104	black near100 (organosilane)	JPO; DERWENT	OR	ON	2008/05/29 13:12
S13	396086	amide or imide or urethane	US-PGPUB; USPAT	OR	ON	2008/05/29 13:12
S14	0	S12 and S13	JPO; DERWENT	OR	ON	2008/05/29 13:13
S15	31464	bis-3-(aminopropyl) tetramethylsiloxane	US-PGPUB; USPAT	OR	ON	2008/06/02 08:01
S16	21343	glycidyl adj methacrylate	US-PGPUB; USPAT	OR	ON	2008/06/02 08:01
S17	1977	S15 and S16	US-PGPUB; USPAT	OR	ON	2008/06/02 08:01
S18	1008	titanium adj black	US-PGPUB; USPAT	OR	ON	2008/06/02 08:01
S19	37	S17 and S18	US-PGPUB; USPAT	OR	ON	2008/06/02 08:01
S20	31205	(aminopropyl) tetramethylsiloxane	US-PGPUB; USPAT	OR	ON	2008/06/02 08:03
S21	91	S18 and S20	US-PGPUB; USPAT	OR	ON	2008/06/02 08:03
S22	1	"6441083"	US-PGPUB; USPAT	OR	ON	2008/06/02 08:09
S23	200911	glycidyl methacrylate	US-PGPUB; USPAT	OR	ON	2008/06/02 08:10
S24	1	S16 and S22	US-PGPUB; USPAT	OR	ON	2008/06/02 08:10
S25	0	"200143985"	US-PGPUB; USPAT	OR	ON	2008/06/02 08:18
S26	1	"200143985"	JPO; DERWENT	OR	ON	2008/06/02 08:18
S27	2	"2000143985"	JPO; DERWENT	OR	ON	2008/06/02 08:19
S28	1	"200129146"	JPO; DERWENT	OR	ON	2008/06/02 08:20
S29	4	"2000129146"	JPO; DERWENT	OR	ON	2008/06/02 08:21

S30	1	"5449714"	JPO; DERWENT	OR	ON	2008/06/02 09:11
S31	6	"5449714"	US-PGPUB; USPAT	OR	ON	2008/06/02 09:11
S32	40	"4293397"	US-PGPUB; USPAT	OR	ON	2008/06/02 09:13
S33	279	556/420	US-PGPUB; USPAT	OR	ON	2008/06/02 09:13
S34	33	("4293397").URPN.	USPAT	OR	ON	2008/06/02 09:16
S35	35	("3865588"   "4026826").PN. OR ("4293397").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/02 09:16
S36	0	"56118751"	US-PGPUB; USPAT	OR	ON	2008/06/02 09:44
S37	2	"56118751"	JPO; DERWENT	OR	ON	2008/06/02 09:44
S38	2102083	Takeda chemical institute	JPO; DERWENT	OR	ON	2008/06/02 10:03
S39	24749074	Takeda chemical "institute." As	JPO; DERWENT	OR	ON	2008/06/02 10:03
S40	1	"7005475"	JPO; DERWENT	OR	ON	2008/06/02 10:06
S41	1	"7005475"	US-PGPUB; USPAT	OR	ON	2008/06/02 10:06
S42	8	"4634610"	US-PGPUB; USPAT	OR	ON	2008/06/02 10:08
S43	6	"546653"	US-PGPUB; USPAT	OR	ON	2008/06/02 10:09
S44	15	"5466532"	US-PGPUB; USPAT	OR	ON	2008/06/02 10:09
S45	1	"6177583"	US-PGPUB; USPAT	OR	ON	2008/06/02 10:13
S46	13	tetramethylene near10 siloxane	US-PGPUB; USPAT	OR	ON	2008/06/02 14:02
S47	696	black adj composition	US-PGPUB; USPAT	OR	ON	2008/06/02 15:26
S48	160	(ethylene adj glycol adj butyl adj ether) near10 solvent	US-PGPUB; USPAT	OR	ON	2008/06/02 15:27
S49	0	S47 and S48	US-PGPUB; USPAT	OR	ON	2008/06/02 15:27
S50	513058	black	US-PGPUB; USPAT	OR	ON	2008/06/02 15:27
S51	160	S48 and "5"	US-PGPUB; USPAT	OR	ON	2008/06/02 15:27
S52	84	S48 and S50	US-PGPUB; USPAT	OR	ON	2008/06/02 15:27
S53	197284	liquid adj crystal adj display	US-PGPUB; USPAT	OR	ON	2008/06/02 15:28
S54	0	S48 and S53	US-PGPUB; USPAT	OR	ON	2008/06/02 15:28

S55	266011	liquid adj crystal	US-PGPUB; USPAT	OR	ON	2008/06/02 15:28
S56	3	S48 and S55	US-PGPUB; USPAT	OR	ON	2008/06/02 15:28
S57	6	coat\$ with (ethylene adj glycol adj butyl adj ether) near10 solvent	US-PGPUB; USPAT	OR	ON	2008/06/02 15:29
S58	383	polyimide and (titanium adj black)	US-PGPUB; USPAT	OR	ON	2008/06/02 15:34
S59	0	S48 and S58	US-PGPUB; USPAT	OR	ON	2008/06/02 15:34
S60	1008	titanium adj black	US-PGPUB; USPAT	OR	ON	2008/06/02 15:34
S61	0	S48 and S60	US-PGPUB; USPAT	OR	ON	2008/06/02 15:35
S62	117	titanium adj nitride adj oxide	US-PGPUB; USPAT	OR	ON	2008/06/02 15:35
S63	0	S48 and S59	US-PGPUB; USPAT	OR	ON	2008/06/02 15:35
S64	0	S48 and S62	US-PGPUB; USPAT	OR	ON	2008/06/02 15:35
S65	1	((US-4162244-\$).did.	USPAT	OR	ON	2008/06/02 15:44
S66	11	"4208492"	US-PGPUB; USPAT	OR	ON	2008/06/02 16:05
S67	74	((MASAHIRO) near2 (YOSHIOKA)).INV.	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/04/29 09:29
S68	18	((RYO) near2 (NAGASE)).INV.	EPO; JPO; DERWENT	NEAR	ON	2010/04/29 09:29
S69	33	((RYO) near2 (NAGASE)).INV.	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/04/29 09:30
S70	5	((MASAYA) near2 (TSUJI)). INV.	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/04/29 09:30
S71	7	((MASUICHI) near2 (EGUCHI)). INV.	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/04/29 09:30
S72	1416	430/7.CCLS.	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/04/29 09:33
S73	2241	349/106.CCLS.	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/04/29 09:33
S74	1937	428/1.1.ccls.	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/04/29 09:34
S75	7978	430/270.1.CCLS.	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/04/29 09:34
S76	15	((titanium adj nitride adj oxide) and acrylic and (x-ray or intensity)	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/04/29 09:34
S77	1	S71 and S76	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/04/29 09:36
S78	1	S73 and S76	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/04/29 09:36

S79	1	S74 and S76	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/04/29 09:36
S80	0	(titanium adj nitride adj oxide)	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/04/29 09:37
S81	148	(titanium adj nitride adj oxide)	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/04/29 09:37
S82	1	S72 and S81	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/04/29 09:37
S83	280	((liquid adj crystal adj display) and (solvent) and (acrylic adj resin) and (intensity near2 ratio) and (intensity near2 ratio))	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/12/21 14:31
S84	100	((liquid adj crystal adj display) and (solvent) and (acrylic adj resin) and (intensity near2 ratio) and (black near10 film) and (black near10 film))	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/12/21 14:32
S85	53	((liquid adj crystal adj display) and (solvent) and (acrylic adj resin) and (intensity near2 ratio) and (black near10 film) and (optical adj density) and (optical adj density))	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/12/21 14:32
S86	1	((liquid adj crystal adj display) and (solvent) and (acrylic adj resin) and (intensity near2 ratio) and (black near10 film) and (optical adj density) and (titanium adj nitride adj oxide) and (titanium))	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/12/21 14:32
S87	53	((liquid adj crystal adj display) and (solvent) and (acrylic adj resin) and (intensity near2 ratio) and (black near10 film) and (optical adj density) and (titanium))	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/12/21 14:32
S88	6	((liquid adj crystal adj display) and (solvent) and (acrylic adj resin) and (intensity near2 ratio) and (black near10 film) and (optical adj density) and (photoinitiator) and (photopolymerizable))	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/12/21 14:35
S89	0	((ethylene adj glycol adj butyl adj ether) near5 solvent) and (black adj composition)	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/12/22 11:42
S90	0	((ethylene adj glycol adj butyl adj ether) near5 solvent) and (black adj composition)	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/12/22 11:42
S91	1	((ethylene adj glycol adj butyl adj ether) near5 solvent) and (black near3 composition)	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/12/22 11:42
S92	0	((ethylene adj glycol adj butyl adj ether) near5 solvent) and (black near10 matrix)	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/12/22 11:44
S93	4	((methoxy near2 methyl near2 butanol) near5 solvent) and (black near10 matrix)	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/12/22 11:45

S94	10	"6582862"	US-PGPUB; USPAT; USOCR	NEAR	ON	2010/12/22 12:04
S95	1	{carbon near5 black) and (titanic near2 acid near2 nitride) and (black near5 matrix) and (liquid near5 crystal near2 display)	US-PGPUB; USPAT; USOCR	NEAR	ON	2011/08/10 10:45
S96	1	{carbon near5 black) and (titanic near2 acid near2 nitride) and (black near5 matrix)	US-PGPUB; USPAT; USOCR	NEAR	ON	2011/08/10 10:45
S97	1892	{carbon near2 black) and (black near5 matrix) and (liquid near2 crystal near2 display)	US-PGPUB; USPAT; USOCR	NEAR	ON	2011/08/10 10:46
S98	1815	{carbon near2 black) and (black near2 matrix) and (liquid near2 crystal near2 display)	US-PGPUB; USPAT; USOCR	NEAR	ON	2011/08/10 10:46
S99	107	{carbon near2 black) and (black near2 matrix) and (liquid near2 crystal near2 display) and (titanium near2 nitride near2 oxide)	US-PGPUB; USPAT; USOCR	NEAR	ON	2011/08/10 10:46
S100	1815	{carbon near2 black) and (black near2 matrix) and (liquid near2 crystal near2 display)	US-PGPUB; USPAT; USOCR	NEAR	ON	2011/08/10 10:52
S101	525	{carbon near2 black) and (black near2 matrix) and (liquid near2 crystal near2 display) and (light near2 filter)	US-PGPUB; USPAT; USOCR	NEAR	ON	2011/08/10 10:53
S102	61	{carbon near2 black) and (black near2 matrix) and (liquid near2 crystal near2 display) and (light near2 filter) and (light near2 shield)	US-PGPUB; USPAT; USOCR	NEAR	ON	2011/08/10 10:53
S103	0	"200200551106"	US-PGPUB; USPAT; USOCR	NEAR	ON	2011/08/10 11:25
S104	1	"20020051106"	US-PGPUB; USPAT; USOCR	NEAR	ON	2011/08/10 11:25
S105	0	S102 and S104	US-PGPUB; USPAT; USOCR	NEAR	ON	2011/08/10 11:26
S106	1	"2000143985"	JPO	NEAR	ON	2011/08/10 14:07
S107	12	"455303"	US-PGPUB; USPAT; JPO	NEAR	ON	2011/08/10 14:16
S108	46	"4255303"	US-PGPUB; USPAT; JPO	NEAR	ON	2011/08/10 14:16
S109	68	((BENJAMIN) near2 (CHU)). INV.	US-PGPUB; USPAT; USOCR	NEAR	ON	2011/08/10 14:20
S110	2	{polyolefin) and (ionic near10 liquid) and (carbon near10 nanofiller)	US-PGPUB; USPAT; JPO	NEAR	ON	2011/08/10 14:21
S111	2	S109 and S110	US-PGPUB; USPAT; JPO	NEAR	ON	2011/08/10 14:21

SI12	29	((BENJAMIN) near2 (HSIAO)). INV.	US-PGPUB; USPAT; USOCR	NEAR	ON	2011/08/10 14:23
SI13	1794	(polyolefin) and (ionic near10 liquid) and (carbon)	US-PGPUB; USPAT; JPO	NEAR	ON	2011/08/10 14:23
SI14	3	SI12 and SI13	US-PGPUB; USPAT; JPO	NEAR	ON	2011/08/10 14:23
SI15	3	((HONGYANG) near2 (MA)). INV.	US-PGPUB; USPAT; USOCR	NEAR	ON	2011/08/10 14:24
SI16	11	((BENJAMIN) near2 (CHU)). INV.	EPO; JPO; DERWENT	NEAR	ON	2011/08/10 14:26
SI17	8	"1668651"	US-PGPUB; USPAT; JPO	NEAR	ON	2011/08/10 14:27
SI18	1	"1668651"	EPO	NEAR	ON	2011/08/10 14:27
SI19	9	"1668651"	US-PGPUB; USPAT; EPO	NEAR	ON	2011/08/10 14:27
SI20	862	((NOBUYUKI) near2 (TANIGUCHI)).INV.	EPO; JPO; DERWENT	NEAR	ON	2011/08/10 14:29
SI21	2	"20100286314"	US-PGPUB; USPAT; DERWENT	NEAR	ON	2011/08/10 14:31

**EAST Search History (Interference)**

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